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				Application Number	10/636,132-Conf. #2394
				Filing Date	August 6, 2003
				First Named Inventor	Craig A. Hickman
				Art Unit	1746
				Examiner Name	F. L. Stinson
Sheet	1	of	1	Attorney Docket Number	108298728US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (#/known)			
FLS		US-1,978,579	10-30-1934	Hooks	
		US-2,221,630	11-12-1940	Bjorkman	
		US-4,348,164	08-24-1982	Miyai et al.	
		US-4,968,375	11-06-1990	Sato et al.	
		US-5,260,174	11-09-1993	Nakazawa et al.	
FLS		US-6,496,257	12-17-2002	Taniguchi et al.	

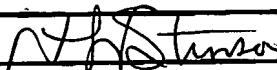
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (#/known)			
FLS		JP-10-216055	08-18-1998	Koike Yasuhisa	
FLS		EP-0 268 284	05-25-1988	Alblhausen Hartmut	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.88(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
FLS		Office Action for U.S. Application No. 11/432,153, September 7, 2006, 6 pages.			

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